

Table 1.—Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

Date	Discharge volume (cfs) ¹	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
				BY08 Fall	BY08 Late-fall	BY08 Winter	BY08 Spring	BY09 Steelhead
3/12/09	5,810	10.1	4.3	2,239 (33 – 60)	0 (-)	30 (110)	31 (72)	30 (25)
3/13/09	5,650	10.7	5.6	1,730 (33 – 58)	0 (-)	31 (104)	30 (67)	61 (25 – 26)
3/14/09	5,530	10.9	5.8	1,430 (34 – 54)	0 (-)	33 (120)	0 (-)	162 (22 – 26)
3/15/09	5,470	10.6	5.6	1,865 (32 – 56)	0 (-)	37 (107)	0 (-)	0 (-)
3/16/09	7,870	10.7	4.0	980 (34 – 61)	0 (-)	0 (-)	0 (-)	0 (-)
3/17/09	17,500	11.5	168.5	32,968 (32 – 67)	0 (-)	1,832 (94 – 163)	95 (90)	71 (25 – 33)
3/18/09	10,000	12.0	19.0	41,614 (31 – 64)	0 (-)	630 (106 – 144)	232 (70 – 81)	131 (24 – 26)
3/19/09	6,980	12.3	—	—	—	—	—	—
3/20/09	6,240	12.8	5.9	4,208 (32 – 64)	0 (-)	0 (-)	0 (-)	0 (-)
3/21/09	5,970	12.6	9.4	1,598 (32 – 54)	0 (-)	0 (-)	0 (-)	42 (32)
3/22/09	5,910	11.4	8.6	802 (34 – 63)	0 (-)	0 (-)	96 (70 – 75)	0 (-)
3/23/09	5,950	10.9	6.2	525 (32 – 39)	0 (-)	31 (120)	31 (71)	0 (-)
3/24/09	5,710	11.0	5.4	841 (34 – 68)	0 (-)	0 (-)	34 (71)	0 (-)
3/25/09	5,510	11.1	5.4	714 (30 – 59)	0 (-)	0 (-)	59 (73 – 77)	0 (-)
Biweekly total ²				92,962	0	2,629	645	504
Biweekly Lower 90% Confidence Interval				56,045	0	1,214	-364	-79
Biweekly Upper 90% Confidence Interval				129,879	0	4,044	1,654	1,087
Brood-year total				6,875,469	92,021	1,253,338	54,645	1,680
Brood-year Lower 90% Confidence Interval				3,372,183	49,056	805,345	30,208	-597
Brood-year Upper 90% Confidence Interval				10,378,755	134,987	1,701,331	79,082	3,956

¹ Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (<http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd>).

² Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we impute missed sample days with the weekly mean value of days sampled within the week.